

Disdrometer (RD-80) observation in Gan Island, Maldives, 2012

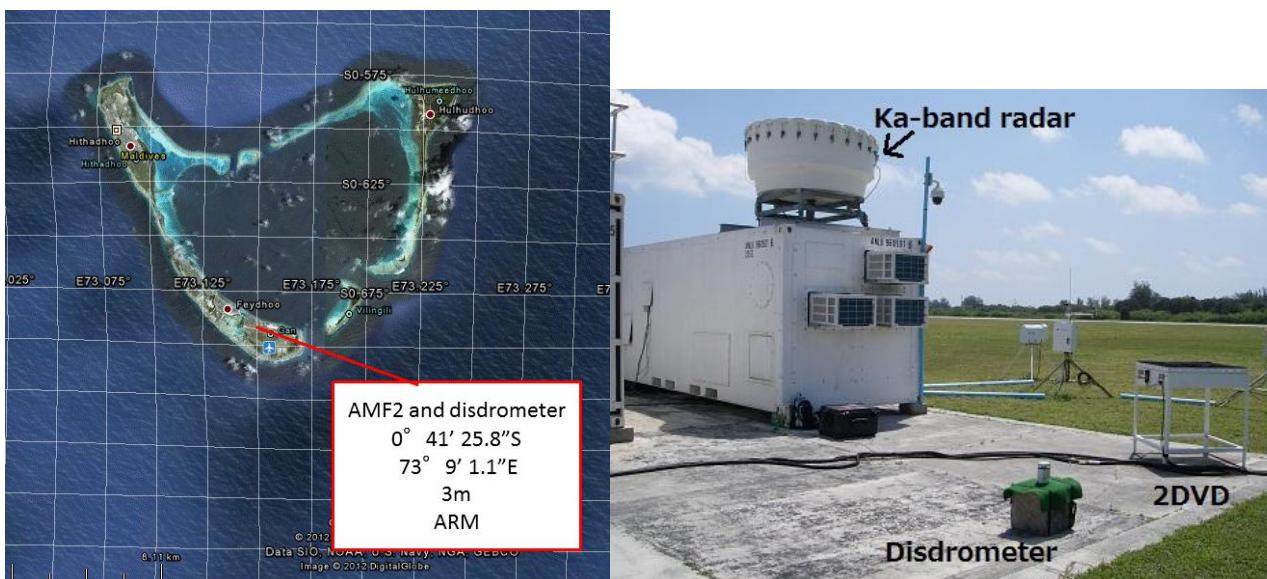
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1. Location of the disdrometer

Latitude: $0^{\circ} 41' 25.8''$ S; Longitude: $73^{\circ} 9' 1.1''$ E; Altitude: 3m

It was located with AMF2.



2. Measurement period

From 10 January 2012 to 28 January 2012.

3. File format

To convert the raw data to ASCII data, an original program were used. The file format of ASCII data is described in this section.

3.1 File name

1-minute integrated data are included in files every day.

There are two types of the data file:

Ryyyymmdd --- raw data

yyyymmdd.txt ---ASCII data

In the ASCII data, 1-minute integrated data are arranged as follows:

hhnn n1 n2 n3 ---- n20

hhnn --- Time (UTC)

n1–n20 --- The number of the raindrops in each class (1–20).

3.2 Drop size classes

See section 4.2 in RD80_operating_instructions.pdf.

4. Invalid data

The following data are invalid due to test and some noises.

yyyymmdd	hhnn
20120110	0412
20120110	0557
20120111	1613
20120111	2113
20120113	0634–0638 --- no data
20120114	0434
20120116	0229
20120116	2126
20120117	1756–1810
20120118	0608
20120118	0611–1617
20120118	0717–0742
20120118	0752
20120118	0904–0905
20120118	0943
20120118	0953–1011
20120119	1820–1824
20120119	2156–2223
20120119	2256–2259
20120119	2321–2324
20120120	0132–0137
20120120	0522–0525
20120122	1204
20120123	1000–1002
20120123	1204
20120125	2011

5. Contact information

If you have any questions, please contact the undersigned at:

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